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## **Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

## Listing of Claims:

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speed,

Claim 1 (Currently amended): A screen printing method 1 for printing paste on a work via pattern holes formed on 2 the a mask plate, comprising: 3 a mask attachment step in which said work is brought 4 into contact with the lower surface of said mask plate; 5 a mask pressure step in which said work is raised 6 further by a predetermined margin from a normal height 7 position of a lower surface of the mask plate so that said contact between the work and the mask plate is in a state 9 under pressure from below; 10 a squeegeeing step in which a squeegee is moved on the 11 mask plate in the mask attachment state thereby to filling 12 paste into said pattern holes; and 13 a plate separating step in which the work is separated 14 15 mask plate stepwise by a plate separating operation of repeating plural times an acceleration and 16 17 deceleration pattern in which a moving speed at which said work is moved in the direction where the work separates

from the mask plate is accelerated up to an upper limit

speed and thereafter is decelerated up to a lower limit

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wherein an initial upper limit speed representing said
upper limit speed in start of said plate separating
operation is set higher than succeeding upper limit speeds
representing the upper limit speeds from the middle of the
plate separating operation on.

- Claim 2 (Currently amended): The screen printing
  method according to claim 1, A screen printing method for
  printing paste on a work via pattern holes formed on a mask
  plate, comprising:
- a mask attachment step in which said work is brought

  into contact with the lower surface of said mask plate;
- 7 a mask pressure step in which
- a squeegeeing step in which a squeegee is moved on the
  mask plate in the mask attachment state thereby to filling
  paste into said pattern holes; and
- a plate separating step in which the work is separated 11 from the mask plate stepwise by a plate separating 12 operation of repeating plural times an acceleration and 13 deceleration pattern in which a moving speed at which said 14 work is moved in the direction where the work separates 15 from the mask plate is accelerated up to an upper limit 16 speed and thereafter is decelerated up to a lower limit 17 18 speed,
- wherein an initial upper limit speed representing said
  upper limit speed in start of said plate separating

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- operation is set higher than succeeding upper limit speeds
- representing the upper limit speeds from the middle of the
- 23 plate separating operation on,
- wherein in said plate separating operation, a
- 25 plurality of said acceleration and deceleration patterns
- are set so that said succeeding upper limit speed are
- 27 decelerated gradually.
- 1 Claim 3 (Currently amended): The screen printing
- 2 method according to claim 1, A screen printing method for
- 3 printing paste on a work via pattern holes formed on a mask
- 4 plate, comprising:
- a mask attachment step in which said work is brought
- into contact with the lower surface of said mask plate;
- a squeeqeeing step in which a squeeqee is moved on the
- 8 mask plate in the mask attachment state thereby to filling
- paste into said pattern holes; and
- 10 a plate separating step in which the work is separated
- 11 from the mask plate stepwise by a plate separating
- operation of repeating plural times an acceleration and
- deceleration pattern in which a moving speed at which said
- work is moved in the direction where the work separates
- 15 from the mask plate is accelerated up to an upper limit
- speed and thereafter is decelerated up to a lower limit
- 17 speed,
- 18 wherein an initial upper limit speed representing said

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- 19 upper limit speed in start of said plate separating
- operation is set higher than succeeding upper limit speeds
- representing the upper limit speeds from the middle of the
- 22 plate separating operation on,
- wherein in start of said plate separating operation,
- a plurality of said acceleration and deceleration patterns
- are set so that acceleration and deceleration is repeated
- at the nearly equal initial upper limit speed.
  - 1 Claim 4 (Original): The screen printing method
  - according to Claim 1, wherein in the plate separating
  - operation, said work is separated from the mask plate by
  - 4 causing the work to descend.
- 1 Claim 5 (Currently amended): A screen printing method
- for printing paste on a work via pattern holes formed on
- 3 the <u>a</u> mask plate, comprising:
- a mask attachment step in which said work is brought
- into contact with the lower surface of said mask plate;
- a mask pressure step in which said work is raised
- further by a predetermined margin from a normal height
- 8 position of a lower surface of the mask plate so that said
- 9 contact between the work and the mask plate is in a state
- 10 under pressure from below;
- a squeeqeeing step in which a squeeqee is moved on the
- mask plate in the mask attachment state thereby to filling

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- paste into said pattern holes; and
- a plate separating step in which a plate separating
  operation of moving said work plate in the direction where
  the work separates from the mask plate is performed,
- wherein in start of said plate separating operation,
  the moving speed is accelerated up to an upper limit speed
  and thereafter is decelerated up to a lower limit speed.
- Claim 6 (Original): The screen printing method 1 according to Claim 5, wherein in a process where in start 2 of said plate separating operation, the moving speed is 3 accelerated up to the upper limit speed and thereafter is 4 decelerated up to the lower limit speed, acceleration and 5 deceleration are not repeated but deceleration is performed 6 continuously.
- Claim 7 (Original): The screen printing method according to Claim 5, wherein in the plate separating operation, said work is separated from the mask plate by causing the work to descend.